



## DB404-B

**1-port omni exposed dipole antenna, 450–470 MHz, 360° HPBW, fixed electrical tilt**

### Electrical Specifications

<b>Frequency Band, MHz</b>	<b>450–470</b>
Gain, dBi	5.9
Beamwidth, Horizontal, degrees	360
Beamwidth, Vertical, degrees	27.0
Beam Tilt, degrees	0
VSWR   Return Loss, dB	1.5   14.0
Input Power per Port, maximum, watts	250
Polarization	Vertical
Impedance	50 ohm

### General Specifications

Operating Frequency Band	450 – 470 MHz
Antenna Type	Omni
Band	Single band
Performance Note	Outdoor usage

### Mechanical Specifications

RF Connector Quantity, total	1
RF Connector Quantity, low band	1
RF Connector Interface	N Male
Color	Silver
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Radiator Material	Aluminum
RF Connector Location	End of flexible lead
Wind Speed, maximum	161 km/h   100 mph

### Dimensions

Length	1524.0 mm   60.0 in
Net Weight, without mounting kit	6.4 kg   14.1 lb

### Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
RoHS 2011/65/EU	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

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## Included Products

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DB365-OS — Pipe Mounting Kit that consists of two clamps for mounting antennas to round members 1.25 - 3.5 in (35 - 89 mm) OD round members.

## \* Footnotes

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Performance Note      Severe environmental conditions may degrade optimum performance